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COOPERATIVE SNOW SURVEYS
for
ALASKA

U. S. DEPARTMENT of AGRICULTURE , SOIL CONSERVATION SERVICE
and
ALASKA SOIL CONSERVATION DISTRICT

Data included in this report were obtained by the agencies named above in cooperation with the U.S. Army Corps of Engineers, U.S. Bureau of Reclamation, Alaska Highway Dept., Alaska Department of Fish and Game and University of Alaska.

AS OF
MAR. 1, 1965

SNOW SURVEYS

for

ALASKA

Report Issued by

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

W. B. OLIVER, STATE CONSERVATIONIST
P. O. BOX F, PALMER, ALASKA

INDEX OF ALASKA SNOW COURSES

MAP No.	COURSE NAME	COURSE No.	ELEV.	MAP No.	COURSE NAME	COURSE No.	ELEV.
1	Arctic Village	45TT1A	2300	32	McArthur	51MM1A	120
2	Chandalar Lake	48SS1A	2040	33	Twenty Mile	48LL1A	100
3	Venetie	46SS1A	610	34	Worthington Glacier	45MM1	2400
4	Fort Yukon	45RR1A	425	35	Moraine	48MM1A	2100
5	Yak Pasture	47PP1	540	36	Ptarmigan	48MM2	3000
6	Cleary Summit	47QQ1A	2230	37	Glacier	48MM3a	
7	Little Chena	46QQ2A	2200	38	Grizzly	48MM4A	5000
8	Mt. Ryan	46QQ1A	2950	39	Sheep	48MM5a	2500
9	Chena Hot Springs	46QQ3	1180	40	Bowl	48MM6a	4500
10	Big Windy	44QQ2A	3850	41	Goat	48MM7A	3200
11	Munson Ridge	46PP1A	3100	42	Marmot	48MM8A	2000
12	Little Salch	46PP3	1500	43	Little Glacier	48MM9a	4000
13	French Creek	46PP2	2010	44	Arctic Valley #1	49MM1	500
14	Big Delta	45PP1	975	45	Arctic Valley #2	49MM2	1000
15	Tok Junction	43001	1650	46	Arctic Valley #3	49MM3	2030
16	Mentasta Pass	43NN1	2430	47	Arctic Valley #4	49MM4	2330
17	Fielding Lake	45001A	3000	48	Arctic Ski Bowl	49MM5	3000
18	Monahan Flat	47001A	2710	49	Log Cabin (British Columbia)	35KK1	2880
19	Clearwater Lake	46NN1A	3100	50	Upper Long Lake	33JJ2a	1000
20	Haggard Creek	45NN1A	2540	51	Long Lake	33JJ1A	1075
21	Chistochina	44NN1A	2170	52	Speel River	33JJ3A	275
22	Fog Lakes	48NN1A	2270	53	Crater Lake	33JJ4a	1750
23	Oshetna Lake	47NN1A	2950	54	Coleen River	42SS1A	1100
24	Lake Louise	46NN2A	2400	55	Black River	42RR1A	650
25	Chelatna Lake	51NN1a	1650	56	Circle City	44QQ3A	600
26	Bald Mtn. Lake	49NN1A	2150	57	Caribou Mine	45PP2A	1115
27	Sheep Mountain	45MM1	2700	58	Eagle Village	41PP1A	900
28	St. Anne's Lake	46MM1A	1985	59	Chicken Airstrip	41PP2A	1650
29	Alexander Lake	50MM1A	200	60	Independence Mine	49MM7	3300
30	Willow Airstrip	50MM2A	150				
31	Wasilla Airstrip	49MM6A	350				

MARCH 1965

Snow depths in Alaska as of March 1965 are quite well correlated with Weather Bureau snowfall records. Southeast Alaska and the south central area along the coast have heavy snow cover.

The snow courses adjacent to Anchorage have twice as much snow as they had last year.

The Log Cabin course at the headwater of the Yukon River has the most snow recorded in the five years of record for this area.

The new courses set up in the Snettisham area all have heavy snow cover.

North of the Alaska range in the Yukon and Tanana drainages snow cover is about average for the period of record. Some of the courses at higher elevations have variable snow depths due to the prevalence of higher than usual winds in these areas.

Extremely hazardous flying conditions in the coastal and Susitna areas made it impossible to read these courses during the first ten days of March. Aerial reconnaissance flights in these areas in January and February showed about average snow depths.

ALASKA SNOW SURVEYS

DRAINAGE BASIN AND SNOW COURSE	MAP NO.	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER CONTENT	
					LAST YEAR	AVERAGE *
Yukon Drainage:						
Arctic Village	1	3/10/65	16.8	2.7	3.7	13.4
Chandalar Lake	2	3/10/65	17.3	2.5	4.0	
Venetie	3	3/10/65	17.2	2.7	2.2	
Fort Yukon	4	3/11/65	23.4	3.6	2.8	
Log Cabin, B.C.	49	3/ 3/65	53.1	14.9	11.9	
Coleen River	54	3/ 9/65	18.0	2.9		
**Black River	55	3/ 9/65	21.0	3.4		
Circle City	56	3/ 9/65	20.9	3.3		
**Caribou Mine	57	3/ 8/65	15.0	2.3		
Eagle Village	58	3/ 8/65	18.3	2.8		
Chicken Airstrip	59	3/ 8/65	14.2	2.2		
Tanana & Chena Drainage:						
Yak Pasture	5	3/ 2/65	22.8	3.8	2.4	3.5
Cleary Summit	6	3/ 4/65	22.4	3.1	2.8	4.9
Little Chena	7	3/ 4/65	19.4	3.0	3.0	4.3
Mt. Ryan	8	3/ 4/65	20.0	3.2	2.4	4.6
Chena Hot Springs	9	3/ 4/65	18.0	2.5	1.2	3.2
Big Windy	10	3/ 4/65	5.4	0.6	1.1	3.4
Munson Ridge	11	3/ 4/65	33.4	8.2	3.3	7.0
Little Salcha	12	3/ 4/65	24.0	4.1	2.9	3.7
French Creek	13	3/ 2/65	23.0	4.3	3.3	3.8
Big Delta	14	3/ 2/65	14.2	2.2	.6	2.0
Tok	15	3/ 1/65	18.1	2.7	2.9	3.2
Mentasta Pass	16	3/ 1/65	20.6	3.4	2.4	3.8
Fielding Lake	17	3/ 2/65	30.9	6.6	7.3	8.5
Matanuska -						
Susitna Drainage:						
**Chelatna Lake	25	2/24/65	38.0			
**Bald Mt. Lake	26	2/24/65	26.0			
Sheep Mountain	27	2/26/65	22.0	3.0		
**Alexander Lake	29	2/24/65	46.0			
**Willow Airstrip	30	2/24/65	36.0			
Independence Mine	60	3/ 1/65	54.1	15.4		
Coastal Drainage:						
McArthur	32	2/24/65	63.8	16.4		
Worthington Glacier	34	2/26/65	39.5	8.5		
Arctic Valley #1	44	3/ 5/65	18.0	4.0	1.1	
Arctic Valley #2	45	3/ 3/65	23.4	4.8	1.8	
Arctic Valley #3	46	3/ 3/65	35.3	6.9	3.0	
Arctic Valley #4	47	3/ 3/65	33.5	6.8	4.0	
Arctic Ski Bowl	48	3/ 3/65	43.0	14.3		
Snettisham Drainage:						
Upper Long Lake	50	3/ 3/65	74.0	29.0		
Long Lake	51	3/ 3/65	109.6	36.6		
Speel River	52	3/ 3/65	92.2	33.8		
Crater Lake	53	3/ 3/65	138.0	54.0		

** Aerial Markers

(*) Average for Period of Record

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
P.O. BOX F, PALMER, ALASKA

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